Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
30.04	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required. confirming to IEC 60898.								
a	5-32A SP MCB Group A Item No, Page No6-6.16.1-47	Each	5				5	418.00	2,090.00
c	5-32A TPN MCB Group A Item No, Page No6-6.16.5-47	Each	2				2	1,547.00	3,094.00
d	40-63A TPN MCB Group A Item No, Page No6-6.16.6-47	Each	2				2	1,936.00	3,872.00
	Supply of Fittings								
30.05	Supplying of 2' - LED PVC square batten 28Watts with high quality diffuser with life of 25000 burning hours & 70% lumen maintanance with CRI > 80. Power input: 220-240V @ 50Hz & power factor > 0.9 along with CE approved drivers. 5years warranty against any manufacturing defect working under standard electrical condition.								
	1x4'.28Watts Item No, Page No4-4.29.2-27	Each	25				25	1,774.00	44,350.00
30.06	Supplying and fixing PBBC bakelite straight or slant batten holder and wiring with Group A 60w/230 V Item No, Page No4-4.2-20	Each	25				25	88.00	2,200.00
30.07	Supplying of 2 pin/4pin 18W CFL lamp Item No, Page No4-4.38.18-30	Each	25				25	120.00	3,000.00
30.08	Supplying CFL Mirror light fitting with 1x11W CFL lamp, choke, perspex cover and completely wired for use on 230V 50Hz AC Supply Item No, Page No4.23-24	Each	25				25	648.00	16,200.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
30.09	Supply of 2'x2' LED recessed luminaire with following watts system wattage. Housing shall be with pressure die cast aluminium alloy with corrosion proof resistant polyester powder coated. Driver operates with voltage range from 100V to 270V 50/60Hz with short circuit, over load & mis-wiring protection. Lumen maintanance of 70% at 50000Hrs. Injection moulded polycarbonate diffuserfor better mechanical stability, light transmission & avoid pot hole effect. Junction temparature shall be <70degree celsius. Driver is on constant current driver @ 0.6A with PF >0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficency >85% THD < 15%. LED Efficeiency > 130 lm/W at 1W & fixture efficiency > 75Lm/W with CRI >75 with injection moulded polycarbonate lens with < 80mm depth. 5Years warranty against any manufacturing defect working under standard electrical condition.								
a	LED modular down light 1'x1' - 36Watts Group A Item No, Page No4-4.33.1-26	Each	10				10	7,006.00	70,060.00
30.10	Supplying of 1440rpm heavy duty exhust fan with bracket blades suitable for operate on 230V 50Hz, AC Supply complete.	Each	16				16	4,394.00	70,304.00
	15" sweep (450mm) Group A Item No, Page No 9.2.3 Pg 84								
30.11	Supplying capacitor type ceiling fan complete with down rod blades. shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double, ball bearing system and as per technical data approved.								
	48" Sweep (1200mm) Regular Model Item No, Page No9-9.3.1.1-84	Each	4				4	2,376.00	9,504.00
30.12	Supplying wall mounting fan suitable to operate at single phase 230V AC Supply.								
	400mm sweep Group A Item No, Page No9.4.3-84	Each	8				8	2,534.00	20,272.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
30.13	Supplying of LED Flood light with following Watts system power consumption pressure die cast aluminium housing with powder coating with IP 65 protection. 1, 200-275V voltage with electronic driver, PF>0.9, should meet ANSI 2G vibration test, compliance to UL/CE with class I. System rating shall be 50K hours @ Lumen maintanance of 70% system efficiency > 80lm/W. Over load & short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintanance at the site location with minimized minimal tools. LED light fixture with following watts system power consumption. LED Efficiency > 130lm/W at 1W & fixture efficiency > 80lm/w with nominal CRI >75. Luminaire manufacturer should have inhouse facility accredited by NABL/CPRI & any governmet certified agency & design & development facility	each	8				8	6,500.00	52,000.00
30.14	Fixing a ceiling/Wall mounting fan of all capacities and all types to the existing S hook together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring completely.Item No, Page No17-17.8-115	Each	6				6	139.00	834.00
30.15	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or rackets with bolts and nutsand a 5 amps, ceiling rose with sufficient length of 23/ 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame if required. Item No, Page No17-17.11-115	Each	8				8	680.00	5,440.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Bore Well								
31	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.48, I. 9.4) PRED.SR 2012-13	Each BW							
			1				1	1882.00	1882.0
32	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13	Rmtr							
	0 to 50 m		1	50.00			50.00	306.00	15300.0
	50 to 100 m		1	50.00			50.00	400.00	20000.0
	100 to 150 m		1	50.00			50.00	445.00	22250.0
	150 to 200 m		1	50.00			50.00	470.00	23500.0
	200 to 250 m		1	50.00			50.00	544.00	27200.0
	250 to 300 m		1	50.00			50.00	583.00	29150.0
	300 to 350 m		1	50.00			50.00	622.00	31100.0
33	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty P. iii, I No. 84 PRED SR 2012-13	Rmtr							
			1	50.00			50.00	1325.00	66250.0
34	Providing 250mm dia PVC Pipe 6kg/cm SE PRED Approved Rate	Rmtr							
			1	18.00			18.00	754.47	13580.0
35	Providing and fixing 160mm Borewell Cap P. iii, I No. 85	Each							
			1				1	100.00	100.0

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
36	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps PWD SR 2016-17 P. XXXXII Item No. 24 including of all taxes	No							
	17.5 HP 30 Stage		1				1	74300	74300.0
37	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008	Rmtr							
			1	250.00			250.00	375.00	93750.0
38	Heavy Duty Collar 50 mm dia	Nos	44				44	130.00	5720.0
39	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 6 Sqm mm KPWD Electrical SR 2014-15	Mtr							
			2	255.00			510.00	188.70	96237.0
40	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09	No							
			1				1	3000.00	3000.0
41	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44 / I No. 6.6.6 KPWD Electrical SR 2014-15	Each							
			1				1	302.00	302.0

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
42	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 core 16 Sqmm KPWD Electrical SR 2014-15	Mtr							
			1	30.00			30.00	140.40	4212.0
43	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15	Mtr							
			1	30.00			30.00	10.80	324.0
44	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) P No. 61 / I. No. 7.9.3 KPWD Electrical SR 2014-15	Mtr							
	For Cutting Road Surface		1	25.00			25.00	85.00	2125.0
45	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15	Mtr							
	40mm dia GI pipe		1	4.00			4.00	345.00	1380.0
46	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I.No. 7.13.2 KPWD Electrical SR 2014-15	No.							
	16Sqmm		1				1.00	280.00	280.0
47	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit .... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, (P No. 55, I No. 7.1) KPWD Electrical SR 2014-15	No							
			1				1	2727.00	2727.0
48	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.P No. 44 / I No. 6.7.2 KPWD Electrical SR 2014-15	No.							
	32 Amps		6				6	180.00	1080.0
49	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 Page No. 93 Item No. 13.55 / PWD SR 2016-17	Nos							
			1				1	1615.68	1616.0
	Basic Rate	1496.00							
	Area Weightage @ 8%	119.68							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	1615.68							
50	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 95 / I. No. 13.81.3 PWD SR 2016-7	No							
	50mm dia		1				1	232.20	232.0
	Basic Rate	215.00							
	Area Weightage @ 8%	17.20							
	Total	232.20							
51	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete	No							
			1	4.00			4	80.00	320.0
52	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery. Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	No							
			1				1	350.00	350.0
53	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps TPN P.No. 47 / I No.6.16.5 KPWD SR 2014-15	No							
			1				1	1547.00	1547.0
54	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete P.No. 49, I. No. 6.40.2 KPWD Electrical SR 2014-15	Sq.Cm							
	16SWG		2	120.00	60.00		14400		
			1	300.00	25.00		7500		
							21900	0.33	7227.0
55	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph. 50Hz. 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 12.5HP to 15 HP Star Delta Starter SERDED Rate	No.							
			1				1	11000	11000.0

S/No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
56	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil	Cum							
			1	60.00	0.60	0.75	27.00		
							27.00	188.00	5076.0
	Basic Rate	188.00							
57	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.15 item No.3.4:2 b PRED SR 2012-13.	Rmtr							
	75 mm dia 6 KSC PVC pipe		1	60.00			60.00		
							60.00	157.00	9420.0
58	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs Page No. 3 / Item No. 1.6 / PRED SR 2012-13	Cum							
			Qty. Vide Item No. 46				27.00	61.00	1647.0
	Basic Rate	61.00							
59	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 P. 92 / I.13.37 PWD SR 2016-17	Each							
			2				2	2216.16	4432.0
	Basic Rate	2052.00							
	Area Weightage @ 8%	164.16							
	Total	2216.16							
	Improvements Around Dry Waste Collection Centre								
60	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)								
	Dry Waste Collection Centre								
	Dry Waste Collection Centre Development		1.00	70.00	45.00	0.50	1575.00		
			1.00	40.00	14.50	0.90	522.00		
			4.00	55.00	0.95	0.95	198.55		
							2295.55	221.78	**509107.08**
	Basic rate	82.00							
	AD HOC at 21%	17.22							
	Loading and unloading with 15km lead= 68+2.50x1.28x15 = 116	116.00							
	Sub Total	215.22							
	Area Weightage 8%	6.56							
	Final Rate	**221.78**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
61	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)								
	Bed Concrete	Cum							
	Dry Waste Collection Centre								
	Dry Waste Collection Centre Development		4.00	55.00	0.95	0.15	31.35		
							31.35	6594.11	**206725.44**
	Basic rate	5046.00							
	AD HOC at 21%	1059.66							
	Sub Total	6105.66							
	Area Weightage 8%	488.45							
	Final Rate	**6594.11**							
62	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13.(P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)								
	Dry Waste Collection Centre	Cum							
			4.00	55.00	0.75	0.75	123.75		
							123.75	5471.57	**677106.99**
	Basic rate	4187.00							
	AD HOC at 21%	879.27							
	Sub Total	5066.27							
	Area Weightage 8%	405.30							
	Final Rate	**5471.57**							
63	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(P.No.23, I.No.5.9 of PW, P&IWTD S.R 2016-17)								
	Dry Waste Collection Centre	Cum							
			4.00	55.00	0.45	0.60	59.40		
	For pole insertion		112.00	0.45	0.45	-0.45	-10.21		
							49.19	6540.53	**321755.03**
	Basic rate	5005.00							
	AD HOC at 21%	1051.05							
	Sub Total	6056.05							
	Area Weightage 8%	484.48							
	Final Rate	**6540.53**							
64	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)								
	Dry Waste Collection Centre	Sqm							
			4.00	55.00		1.35	297.00		
							297.00	126.76	**37647.60**
	Basic rate	97.00							
	AD HOC at 21%	20.37							
	Sub Total	117.37							
	Area Weightage 8%	9.39							
	Final Rate	**126.76**							
65	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.530 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)								
	Coping	Cum							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Dry Waste Collection Centre								
			4.00	55.00	0.45	0.10	9.90		
	For pole insertion		112.00	0.45	0.45	0.45	10.21		
							20.11	7110.30	**142988.11**
	Basic rate	5441.00							
	AD HOC at 21%	1142.61							
	Sub Total	6583.61							
	Area Weightage 8%	526.69							
	Final Rate	**7110.30**							
66	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site. laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)								
	Dry Waste Collection Centre								
			4.00	65.00	2.90	0.23	173.42		
							173.42	2179.74	**378010.93**
	Basic rate	1668.00							
	AD HOC at 21%	350.28							
	Sub Total	2018.28							
	Area Weightage 8%	161.46							
	Final Rate	**2179.74**							
67	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 101, I.No. 14.6 of CSR 2015-16)								
	Dry Waste Collection Centre	sqm.							
			4.00	65.00	2.50		650.00		
							650.00	1191.80	**774671.04**
	Basic rate	912.00							
	AD HOC at 21%	191.52							
	Sub Total	1103.52							
	Area Weightage 8%	88.28							
	Final Rate	**1191.80**							
68	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)								
	for walkway	No.							
	New Kerbs								
	Dry Waste Collection Centre		8.00	65.00	--	/0.45	1156.00		
							1156.00	409.03	**472836.83**
	Basic rate	313.00							
	AD HOC at 21%	65.73							
	Sub Total	378.73							
	Area Weightage 8%	30.30							
	Final Rate	**409.03**							
69	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.182, I.No. 24.1 of PW,P&IWTD SR 2016-17)								
	for walkway	Sqm							
	Dry Waste Collection Centre		8.00	65.00	--	0.35	182.00		
							182.00	78.41	**14270.26**
	Basic rate	60.00							
	AD HOC at 21%	12.60							
	Sub Total	72.60							
	Area Weightage 8%	5.81							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Final Rate	78.41							
70	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (P.No.262 I.No.37.2 of PW,P&IWTD SR of 2016-17)								
	Chain Link Fancing	m							
			112.00	2.50	--	--	280.00		
							280.00	1070.27	**299675.38**
	Basic rate	819.00							
	AD HOC at 21%	171.99							
	Sub Total	990.99							
	Area Weightage 8%	79.28							
	Final Rate	**1070.27**							
71	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No.262 of I.No.37.3 in PW,P&IWTD S.R 2016-17)								
	Chain Link Fancing	Sqm							
			4.00	55.00	--	2.00	440.00		
							440.00	861.18	**378919.73**
	Basic rate	659.00							
	AD HOC at 21%	138.39							
	Sub Total	797.39							
	Area Weightage 8%	63.79							
	Final Rate	**861.18**							
72	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. (P.No.262 I.No.37.4 of PW,P&IWTD SR of 2016-17)								
	Chain Link Fancing	m							
			8.00	55.00	--	--	440.00		
							440.00	423.40	**186297.41**
	Basic rate	324.00							
	AD HOC at 21%	68.04							
	Sub Total	392.04							
	Area Weightage 8%	31.36							
	Final Rate	**423.40**							
73	Providing and making precast seating arrangement including excavation laying pcc M15, providing laying M20 concrete for pedestal and seating slab, fixing of seating slab including all necessary bolt and nuts etc. complete and as per the directions of Engineer in-Charge. (Data Rate)								
	seating Chairs	Each							
			6.00				6.00		
	Approved Rate=10510.00						**6.00**	10510.00	**63060.00**

NAME OF WORK :- SOLID WASTE MANAGEMENT WORK IN WARD NO. 08

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Fabricating, providing and erecting in poiston of Hot dip galvanised M.S.Ornamental security Grill Gate using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coat of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes etc as per specification and drawings.(P.No.41, I.No.7.32 of PW,P&IWTD S.R 2016-17)								
	Dry Waste Collection Centre	Kg							
			1	3.00	2.50		7.50		
			1	5.00	2.50		12.50		
							20.00		
			At 30 kg/sqm				600.00	189.49	113691.60
							600.00	170.61	102364.20
38								Total Construction Cost	7980554.24
39								Lumpsome for Segregation Racks and Weighing scale and Furniture	420000.00 0.00
40								Cost towardsElectrical Works& Plumbing works	638444.34 0.00
41								KRIDL Charges @ 11%	877861.00 98015.00
								Third Party Inspection Charges @ 1%	79806.00 89274.00
42								Sub Total	9996665.58 9987701.34
								Miscellaneous	3334.42 1298.66
								Total	10000000.00

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

Executive Engineer (Projects)

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

16/2/18

Administrative Approval
Accorded For 100.00 lakhs only
Head of A/C 3110
CER NO :128 Dt:16/2/18

Technical Sanction
Accorded For 100 lakhs only
Head of A/C 3110
CER NO :15/2018 Dt: 16.02.18

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

16/2/18

[TA] [CE (YNK)]